

BATTERY ACTIVATING METHOD AND DEVICE

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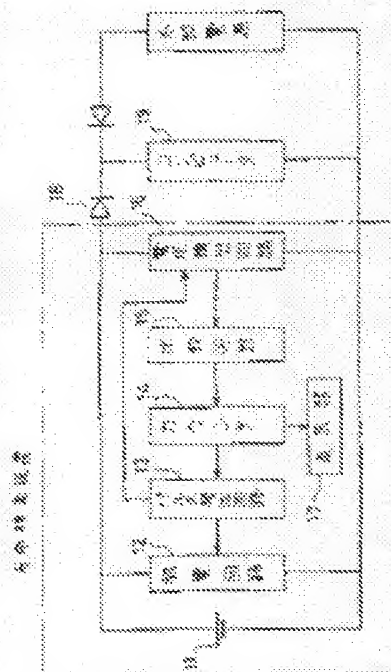
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Abstract of JP3203523

PURPOSE: To remove lithium chloride film from the surface of lithium anode of a battery and to activate the battery to normal state by repeating short time large current discharge several times continuously when voltage drops below a predetermined level during discharge with a predetermined current.

CONSTITUTION: A pulse generating circuit 13 outputs pulse signals with period of 1-5 days to a discharge circuit 12. Duration of the pulse signal is set at 5-50 mS, for example, during which the discharging circuit 12 is turned ON to discharge a battery. A voltage detecting circuit 16 measures the voltage of a battery 11 during discharge. Discharge and measurement are repeated, and if the voltage exceeds a reference level before the operation is repeated K times, lithium chloride film is removed to lower internal voltage drop and to increase output voltage of the battery 11. Consequently, judgment is made that the battery 11 is normal and a counter 14 is reset thus interrupting discharge and measurement.



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